Appl. No. 09/902,441

Response Restriction Requirement and Preliminary Amendment dated Mar. 21, 2003 Reply to Restriction Requirement of Jan. 24, 2003

This listing of claims will replace all prior versions, and listings, of claims in the application:

## **Listing of Claims:**

- 1. (withdrawn): A calcium tartrate composition comprising particles having a mean particle size less than about 30 μm.
- 2. (withdrawn): The composition according to claim 1, wherein the mean particle size is less than about 25 µm.
- 3. (withdrawn): The composition according to claim 1, wherein the mean particle size is less than about 20 µm.
- 4. (withdrawn): The composition according to claim 1, wherein the mean particle size is less than about 18  $\mu$ m.
- 5. (withdrawn): The composition according to claim 1, wherein the mean particle size is less than about 15µm.
- 6. (withdrawn): The composition of claim 1, wherein less than 5% of particles have a particle size greater than about 40  $\mu$ m.
- 7. (withdrawn): The composition of claim 6, wherein less than 1% of particles have a particle size greater than about 40  $\mu$ m.
- 8. (withdrawn): The composition of claim 6, wherein less than 0.1% of particles have a particle size greater than about 40  $\mu$ m.
- 9. (withdrawn): A method for preparing a calcium tartrate composition comprising particles having a mean particle size less than about 30  $\mu$ m, comprising the following steps:

submitting maleic acid to an enzymatic catalytic epoxidation thereby obtaining cis-epoxysuccinate,

submitting said cis-epoxysuccinate to the action of an epoxide hydrolase thereby producing L-tartaric acid;



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precipitating said L-tartaric acid with CaCl<sub>2</sub> thereby obtaining calcium tartrate crystals; and

recovering the calcium tartrate crystals to obtain a calcium tartrate composition.

- 10. (withdrawn): The method of claim 9, wherein said L-tartaric acid is precipitated by adding an equimolar amount of CaCl<sub>2</sub>.
- 11. (withdrawn): The method of claim 9 further comprising drying and grinding said recovered calcium tartrate crystals.
- 12. (currently amended): A plaster composition comprising—the—composition of claim 1 calcium tartrate particles having a mean particle size less than about 30 µm.
- 13. (currently amended): A powder comprising—the composition of claim—1 calcium tartrate particles having a mean particle size less than about 30 μm, wherein the powder is selected from the group consisting of cement, mortar, and concrete.
- 14. (withdrawn): A method for preparing a calcium tartrate composition comprising particles having a mean particle size less than about 18 µm, comprising the following steps:

submitting maleic acid to an enzymatic catalytic epoxidation thereby obtaining cis-epoxysuccinate,

submitting said cis-epoxysuccinate to the action of an epoxide hydrolase thereby producing L-tartaric acid;

precipitating said L-tartaric acid with CaCl<sub>2</sub> thereby obtaining calcium tartrate crystals; and

recovering the calcium tartrate crystals to obtain a calcium tartrate composition.

- 15. (withdrawn): The method of claim 14, wherein said L-tartaric acid is precipitated by adding an equimolar amount of CaCl<sub>2</sub>.
- 16. (withdrawn): The method of claim 14 further comprising drying and grinding said recovered calcium tartrate crystals.



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- 17. (currently amended): A plaster composition comprising the composition of claim 4 calcium tartrate particles having a mean particle size less than about 18 µm.
- 18. (currently amended): A powder comprising the composition of claim 4 calcium tartrate particles having a mean particle size less than about 18 μm, wherein the powder is selected from the group consisting of cement, mortar, and concrete.